rations of these devices, for example, may be provided. For example, AS/SCS **610**, MTC-IWF **620**, and MME/SGSN **630** may be configured for wired communication, rather than wireless communication, and in such a case antennas **617**, **627**, and **637** would illustrate any form of communication hardware, without requiring a conventional antenna.

[0051] Transceivers **616**, **626**, and **636** can each, independently, be a transmitter, a receiver, or both a transmitter and a receiver, or a unit or device that is configured both for transmission and reception.

[0052] Processors **614**, **624**, and **634** can be embodied by any computational or data processing device, such as a central processing unit (CPU), application specific integrated circuit (ASIC), or comparable device. The processors can be implemented as a single controller, or a plurality of controllers or processors.

[0053] Memories **615**, **625**, and **635** can independently be any suitable storage device, such as a non-transitory computer-readable medium. A hard disk drive (HDD), random access memory (RAM), flash memory, or other suitable memory can be used. The memories can be combined on a single integrated circuit as the processor, or may be separate therefrom. Furthermore, the computer program instructions stored in the memory and which may be processed by the processors can be any suitable form of computer program code, for example, a compiled or interpreted computer program written in any suitable programming language.

[0054] The memory and the computer program instructions can be configured, with the processor for the particular device, to cause a hardware apparatus such as AS/SCS **610**, MTC-IWF **620**, and MME/SGSN **630**, to perform any of the processes described above (see, for example, FIGS. **3-5**). Therefore, in certain embodiments, a non-transitory computer-readable medium can be encoded with computer instructions that, when executed in hardware, perform a process such as one of the processes described herein. Alternatively, certain embodiments of the invention can be performed entirely in hardware.

[0055] Furthermore, although FIG. **6** illustrates a system including an AS/SCS, MTC-IWF, and MME/SGSN, embodiments of the invention may be applicable to other configurations, and configurations involving additional elements, as illustrated herein.

[0056] One having ordinary skill in the art will readily understand that the invention as discussed above may be practiced with steps in a different order, and/or with hardware elements in configurations which are different than those which are disclosed. Therefore, although the invention has been described based upon these preferred embodiments, it would be apparent to those of skill in the art that certain modifications, variations, and alternative constructions would be apparent, while remaining within the spirit and scope of the invention. In order to determine the metes and bounds of the invention, therefore, reference should be made to the appended claims.

1. A method, comprising:

triggering a group of devices using a triggering request,

wherein the triggering request comprises at least one of geographic information or a group identifier based on geographic information.

2. The method of claim **1**, wherein the geographic information comprises at least one of geographic location coordinates, a tracking area identity, and a cell identifier.

3. The method of claim **1**, wherein the triggering request comprises a machine type communication device trigger request.

4. A method, comprising:

receiving a request to trigger a group of devices, wherein the triggering request comprises at least one of geographic information or a group identifier based on geographic information;

determining at least one serving node based on the geographic information when the triggering request geographic information; and

sending a device trigger request including at least one of a tracking area identifier, a cell identifier, or the group identifier.

5. The method of claim **4**, wherein the geographic information comprises at least one of geographic location coordinates, a tracking area identity, and a cell identifier.

6. The method of claim **4**, further comprising:

mapping the geographic location coordinates to at least one of the tracking area identifier or the cell identifier based on a mapping table in a machine type communication interworking function.

7. The method of claim **4**, further comprising:

querying a server to obtain the tracking area identifier or the cell identifier corresponding to at least one device of the group of devices.

8. The method of claim **4**, further comprising:

mapping at least one of the tracking area identifier, the cell identifier, or the group identifier, to at least one serving node based on a mapping table in a machine type communication interworking function.

9. The method of claim **4**, further comprising:

querying a server to identify a serving node corresponding to at least one of the tracking area identifier, the cell identifier, or the group identifier.

10. The method of claim **4**, further comprising:

identifying a serving node based on the tracking area identifier or tracking area identifier encoding.

11. The method of claim **4**, further comprising:

storing at least one of the tracking area identifier, the cell identifier, the group identifier, or a server node address.

12. The method of claim **4**, further comprising:

receiving a device trigger response; and

providing a corresponding device trigger response to a server that provided the request.

13. An apparatus, comprising:

at least one processor; and

at least one memory including computer program code,

wherein the at least one memory and the computer program code are configured to, with the at least one processor, cause the apparatus at least to

trigger a group of devices using a triggering request,

wherein the triggering request comprises at least one of geographic information or a group identifier based on geographic information.

14. The apparatus of claim **13**, wherein the geographic information comprises at least one of geographic location coordinates, a tracking area identity, and a cell identifier.

15. The apparatus of claim **13**, wherein the triggering request comprises a machine type communication device trigger request.

16. An apparatus, comprising:

at least on processor; and

at least one memory including computer program code,